

Date: Tuesday, 8/28/2007 3:16:26 PM
 User: Kim Johnston

Process Sheet

SPH

38

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : SINGLE MIRROR INSTALLATION
Job Number : 34289	
Estimate Number : 12978	
P.O. Number : <i>NIA</i>	Part Number : D350561141
This Issue : 8/28/2007 S.O. No. : <i>NIA</i>	Drawing Number : N/A
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>NIA</i>	Drawing Revision : N/A
Previous Run : <i>NIA</i>	Material : <i>NIA</i>
Written By : <i>[Signature]</i>	Due Date : 9/22/2007
Checked & Approved By : <i>[Signature]</i>	Qty: <i>3</i> Um: Each
Comment : Est. A 07.07.26 new issue (DSI9379) EC verified by: JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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(3)

Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D350-561-141 CHG001

08/06/04

2.0	D2011101	Mirror 6"
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Mirror 6"

Batch: *35336**SP*

3.0	D2012105	Arm (31.06)
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Arm (31.06)

Batch: *34303**SP*

4.0	D2012107	Clevis
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Clevis

Batch: *33585**SP*

5.0	D2012111	Bracket
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bracket

Batch: *430300*

8/1/04 SP (3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 8/28/2007 3:16:26 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SINGLE MIRROR INSTALLATION

Job Number: 34289

Part Number: D350561141

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

D2012115

Bracket,Clevis



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)
Bracket,Clevis
Batch: 25587 54

7.0

D2022101

Spacer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)
Spacer
Batch: 33985 50

8.0

D36291

BRACKET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)
BRACKET
Batch: 34318 54

9.0

D36351

GASKET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)
GASKET
Batch: 34319 54

10.0

D36353

GASKET



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)
GASKET
Batch: 34320 54

11.0

D36461

ARM



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)
ARM
Batch: B 34321 Q

12.0

D36463

ARM



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)
ARM
Batch: 34322 8/1/14 54 (3x)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SINGLE MIRROR INSTALLATION

Job Number: 34289

Part Number: D350561141

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

AN34A

Bolt



Comment: Qty.: 3.0000 Each(s)/Unit Total : 12.0000 Each(s)

Bolt

Batch: M103641

SP

14.0

AN35A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Bolt

Batch: 19356

SP

15.0

AN36A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M106586

SP

16.0

AN45A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M100887

SP

17.0

AN410A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M104603

SP

18.0

AN960JD10

Washer



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Washer

Batch: M105792

M104625

SP

19.0

AN960JD416

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Washer

Batch: M105906

8/1/3 SP (3x)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: D Date: 08/01/04
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SINGLE MIRROR INSTALLATION

Job Number: 34289

Part Number: D350561141

Job Number:



Seq. #:

Machine Or Operation:

Description :

20.0

MS21042L3

Nut



Comment: Qty.: 6.0000 Each(s)/Unit Total : 24.0000 Each(s)

Nut

Batch: M105558

50

21.0

MS21042L4

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Nut

Batch: M105054

50

8/1/3 50

(3X)

22.0

MS21919WDG7

CLAMP



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

CLAMP

Batch: 16323

8/1/4 50 (3X)

23.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

5 08/01/04 (43)

24.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D350-561-141

profit 8/1/4 50

(3X)

25.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

(3)
2008/01/04

Job Completion



2008/1/14

u

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN <i>B</i>	DRAWN BY <i>DC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>UE</i>	APPROVED <i>H</i>	DRAWING NO. DSI 9379	REV. B SHEET 1 OF 5
DATE 07.11.26		TITLE CARGO MIRROR UPGRADE KIT	SCALE NTS
A	07.07.10	NEW ISSUE	
B	07.11.26	MS21919WDG7 WAS MS21929WDG7	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-561 REV. C

REF. CANADIAN STC: SH91-20 ISSUE 2

REF. FAA STC: SH856NE

To reduce vibration, Dart has developed the D350-561-141/-143 Mirror Installations to replace the D350-561-041/-043 Mirror Installations. For customers with D350-561-041/-043 Mirror Installations at CHG 005 or earlier who would like to upgrade their installation, the DSI 9379-011 Upgrade Kit can be obtained from Dart. The components for DSI 9379-011 Kit are as defined in Section 1.0 below.

Customers upgrading their installation from D350-561-041/-043 to D350-561-141/-143 should follow instructions given in Figures 1 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

Customers who are installing a D350-561-141/-143, should refer to Figures 2 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

1.0 PARTS LIST

Qty -141	Qty -143	Qty -045	Qty -011	Part Number	Description
X	1			D350-561-141	SINGLE MIRROR INSTALLATION (REPLACES -041)
	X			D350-561-143	DUAL MIRROR INSTALLATION (REPLACES -043)
	1	X		D350-561-045	MIRROR KIT
			X	DSI 9379-011	UPGRADE KIT
1		1		D2011-101	MIRROR
1				D2012-105	ARM
1				D2012-107	CLEVIS
1				D2012-111	BRACKET
		2		D2012-113	CLAMP
1				D2012-115	BRACKET
2				D2022-101	SPACER
1*		1*		D3014-1	LOCKNUT
1			1	D3629-1	BRACKET
1			1	D3635-1	GASKET
2			2	D3635-3	GASKET
1			1	D3646-1	ARM
1			1	D3646-3	ARM
3			3	AN3-4A	BOLT
2			2	AN3-5A	BOLT
1				AN3-6A	BOLT
1				AN4-5A	BOLT
1				AN4-10A	BOLT
12			10	AN960JD10	WASHER
4				AN960JD416	WASHER
1*		1*		AN960JD416L	WASHER
6			5	MS21042L3	NUT (OR MS21042-3)
2				MS21042L4	NUT (OR MS21042-4)
2			2	MS21919WDG7	CLAMP

*INCLUDED AS PART OF D2011-101 MIRROR

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 07.11.30
CERT. NO.: SH91-20
ISSUE NO.: 2

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